

Postgraduate Certificate

Feline Oncology





Postgraduate Certificate Feline Oncology

- » Modality: Online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/veterinary-medicine/postgraduate-certificate/feline-oncology

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 18

05

Methodology

p. 22

06

Certificate

p. 30

01

Introduction

The increased lifespan of patients in veterinary medicine means that neoplasms are becoming an increasingly common reason for daily consultations. In the case of cats, this is no exception: greater number of feline patients, greater awareness on the part of the owner, better care, enormous diagnostic and therapeutic advances, etc. For all these reasons, Feline Oncology should be present in the clinical veterinarian's practice.



“

With this high-level Postgraduate Certificate, you will learn the utilities of lung ultrasound for the diagnosis of pulmonary neoplasms”

The type of neoplasms in the feline patient usually differs from that usually seen in dogs, so it is essential to know their particularities and not to extrapolate what is known about this species. The presentation, behavior and medical management are the main differences that we find and that should always be taken into account.

The same applies to the choice of diagnostic and therapeutic tools, since there are differences and limitations that the clinician must be aware of in order to propose the most effective diagnosis and treatment.

Although many professionals do not consider Feline Medicine as a specialty, the nature of the cat makes it essential to have a deep knowledge of this species in order to prevent any problem, to approach all pathologies in an adequate way and to solve the most complex cases, which makes specialization essential.

As it is an online program, the student is not constrained by fixed schedules or the need to move to another physical location, but rather, they can access the contents at any time of the day, allowing them to balance their professional or personal life with their academic life as they please.

The Postgraduate Certificate in Feline Oncology pursues excellence in both theory and daily practice to provide quality care to your feline patients.

This **Postgraduate Certificate in Feline Oncology** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of case studies presented by experts in Feline Medicine and Clinic
- ♦ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Developments in Feline Medicine and Clinic
- ♦ Practical exercises where self-assessment can be used to improve learning
- ♦ Special emphasis on innovative methodologies in feline medicine and clinical practice
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



Incorporate diagnostic imaging tools and their diagnostic and staging utilities into your daily practice"

“

Learn about the latest advances in Feline Medicine with this Postgraduate Certificate. It's the perfect opportunity to advance your career"

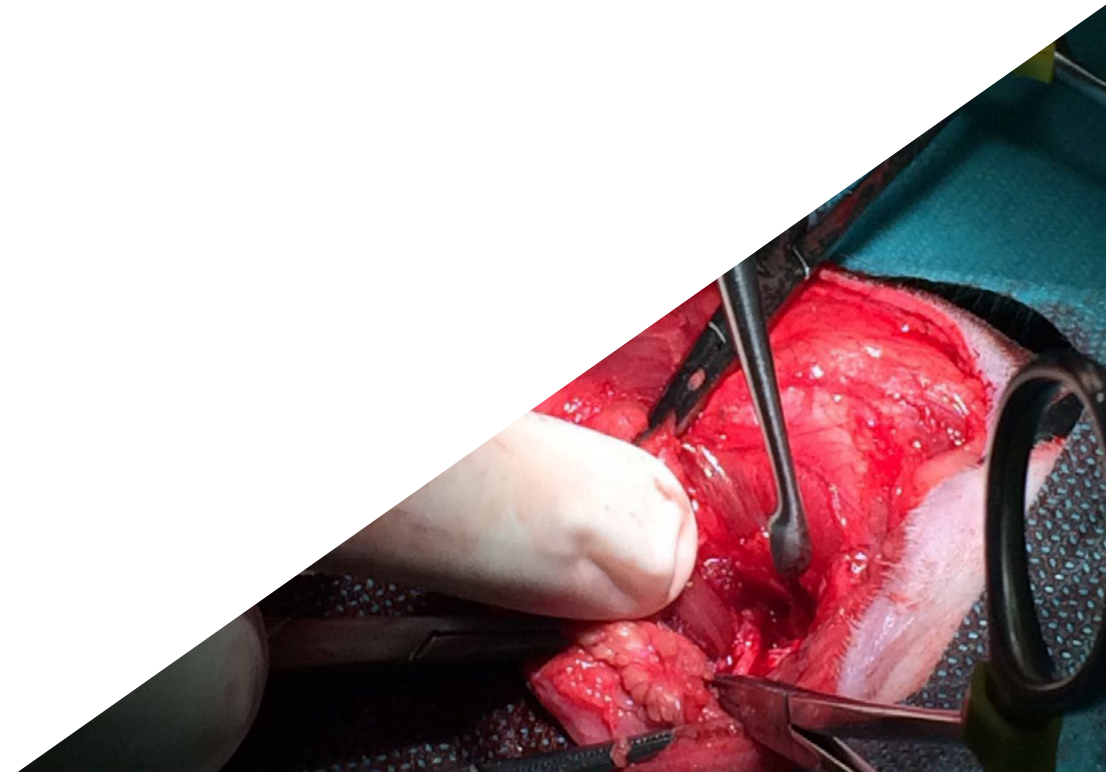
Delve into the most recent advances in breast tumors, digestive lymphomas and feline oncologic surgery.

Study where and when you want thanks to the online methodology of this high-level program.

Its teaching staff includes professionals belonging to the veterinary field, who contribute their expertise to this specialization, as well as renowned specialists from leading societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive learning experience designed to prepare for real-life situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the program. To do so, the professional will have the help of an innovative interactive video system created by recognized experts in Feline Medicine and Clinic, with great teaching experience.



02 Objectives

TECH offers its students a program with completely up to date information and in which they can find the latest practices in Feline Oncology, specifically in the oncological area. In this way, they will be able to achieve their academic objectives and offer a more personalized attention to their patients. A unique Postgraduate Certificate with which veterinarians will be able to specialize in a sector with a high demand for professionals and achieve professional success.





“

*TECH will help you at all times to
acquire high-level expertise and
achieve professional excellence”*



General Objectives

- Enumerate the most frequent neoplasms in the feline species
- Examine the particularities of the cat in the presentation of neoplasms
- Determine the most useful diagnostic tools
- Delve into the diagnosis of gastrointestinal lymphoma in cats
- List the diagnostic imaging tools and their utility for diagnosis and staging
- Understand when surgery is the most appropriate option
- Master the basic principles of surgical oncology
- Employ cytology as a diagnostic tool in daily clinical practice
- Establish adequate pain control in the feline oncologic patient



Take the step to get up to date on the most relevant aspects of Feline Oncology"





Specific Objectives

- ♦ Rationally perform the clinical approach to the cat with a mass
- ♦ Perform and process cytology appropriately
- ♦ Choose the most appropriate type of biopsy
- ♦ Carry out the staging of a tumor
- ♦ Be able to prepare and administer chemotherapy to a cat
- ♦ Properly manage the adverse effects of chemotherapy
- ♦ Be familiar with the most commonly used chemotherapy agents in the feline patient
- ♦ Be familiar with the use of electrochemotherapy in cats and in which neoplasms it is recommended
- ♦ Know the differences in diagnosis and treatment of the different types of digestive lymphoma
- ♦ Be familiar with other types of lymphoma presentations in the cat
- ♦ Appropriate management of a cat with mammary tumors
- ♦ Optimally approach the treatment of injection site associated sarcomas
- ♦ Recognize other types of cancers in the cat and their peculiarities in the species
- ♦ Know the different types of surgical resection and the importance of excision margins
- ♦ Properly interpret the biopsy report in relation to surgical margins
- ♦ Master the techniques of pain control in the feline patient with neoplasia

03

Course Management

The Postgraduate Certificate in Feline Oncology includes in its teaching staff reference experts in Feline Medicine and Surgery who bring the experience of their work to this program. Professionals of recognized prestige who have joined forces to offer students this high-level specialization, guiding and advising them throughout the academic process. Undoubtedly, a unique opportunity to learn from the best in the industry.





“

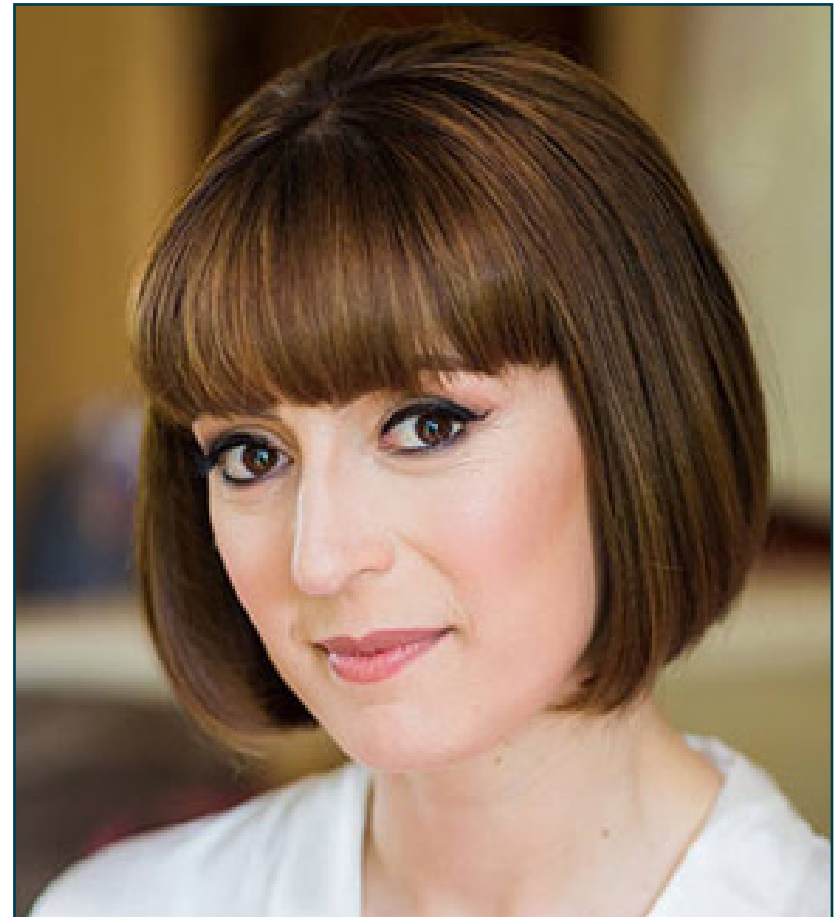
*Don't miss the opportunity
to learn with professionals
of recognized prestige"*

International Guest Director

Dr. Karen Perry has become one of the most prominent professionals in the world of veterinary medicine. Specialized in small animal orthopedics, her prestige lies in her constant work in this area, where she has passionately devoted herself to finding the most effective treatments to reduce the complication rates associated with common orthopedic procedures.

Her work has focused especially on Feline Orthopedics and Minimally Invasive Osteosynthesis, areas that have allowed her to occupy positions of high responsibility. In this way, she has successfully served as Head of the Small Animal Surgery Department and as an associate professor at Michigan State University. In this sense, throughout her long professional career, Perry has perfectly combined the clinical facet with teaching at higher academic institutions.

Thanks to her communication skills, she not only brings the content to the students in an attractive way, but also disseminates scientific advances in her field at national and international congresses in her specialty. She is also the author of numerous publications in veterinary literature and is positioned as a leading voice in her field, which has led her to participate in interviews where she encourages constant updating by professionals and the active participation of women in Veterinary Orthopedics. At the same time, she brings scientific and clinical progress closer to the general public through different digital communication channels.



Dr. Perry, Karen

- Head of the Small Animal Surgery Department at the Michigan State University
- Veterinary Medical Center.
- Professor at Michigan State University
- Professor of Veterinary Medicine at Royal Veterinary College
- Veterinarian at The Royal (Dick) Veterinary Studies
- Member of: : European College of Veterinary Surgeons

“

Thanks to TECH you will be able to learn with the best professionals in the world"

Management



Dr. Mayo Robles, Pedro Pablo

- Co-owner and head of the Internal Medicine Service of the Veterinary Hospital Nacho Menes (Gijón Gijón.)
- Veterinarian at the Reference Center San Vicente del Raspeig(Alicante Alicante.)
- Clinical veterinarian at the Quirurgical Veterinary Center Alfonso Chico in La Coruña
- Responsible for the accreditation of Nacho Menes Veterinary Hospital as "Cat friendly clinic gold level by the ISFM"
- Bachelor and graduate in Veterinary Medicine, specializing in Animal Medicine and Health, from the Faculty of Veterinary Medicine of the University of León



Professors

Dr. Álvarez Martín, Ramón

- ♦ Co-responsible veterinarian of the Soft Tissue Surgery Service and head of the Dentistry Service at the Nacho Menes Veterinary Hospital in Gijón.)
- ♦ Veterinarian in the Emergency Department of the Veterinary Hospital Indautxu(Bilbao Bilbao.)
- ♦ Degree in Veterinary Medicine, University of León, 2014
- ♦ Postgraduate degree in Anesthesia and Soft Tissue Surgery from the Autonomous University of Barcelona

Dr. Galán López, Amaia

- ♦ Veterinarian in Internal Medicine and co-responsible for the Oncology and Electrochemotherapy Service at Ariznabarra Veterinary Clinic
- ♦ Graduated in Veterinary Medicine at the University of Extremadura
- ♦ ESVPS Diploma as General Practitioner Certificate in Oncology
- ♦ Course of Electrochemotherapy in Veterinary Medicine by VetOncologia, UBA

04

Structure and Content

This program has been structured to meet the academic needs of veterinarians who must attend feline patients with oncological diseases in their practices. In this way, the main pathologies that can affect them and the most up-to-date diagnostic methods and treatments on the market will be analyzed. Thus, the professional will be able to face this type of situations with confidence, contributing all his knowledge in the improvement of the animals' health.





“

An essential program for your professional development, thanks to which you will be able to provide better care to your feline patients”

Module 1. Oncology in the Feline Patient

- 1.1. Approach to the Feline Patient with a Mass
 - 1.1.1. First Evaluation
 - 1.1.2. Cytology: Methods of Collection, Preparation, Staining and Dispatch
 - 1.1.3. Choosing the Type of Biopsy
 - 1.1.4. Peculiarities of Biopsy Collection According to Specific Locations
 - 1.1.5. Staging
- 1.2. Particularities of Chemotherapy in Cats
 - 1.2.1. Usage Scenarios
 - 1.2.2. Preparation
 - 1.2.3. Administration.
 - 1.2.4. Adverse Effects of the Chemotherapy and its Management
- 1.3. Drugs and Electrochemotherapy
 - 1.3.1. Alkylating Agents
 - 1.3.2. Anthracyclines
 - 1.3.3. Antimetabolites
 - 1.3.4. Antitubulin Agents
 - 1.3.5. Platinum-Derived Drugs
 - 1.3.6. Tyrosine Kinase Inhibitors
 - 1.3.7. Other Drugs
 - 1.3.8. Electrochemotherapy
- 1.4. Digestive Lymphoma
 - 1.4.1. Types
 - 1.4.2. Clinical Signs
 - 1.4.3. Diagnosis and Staging
 - 1.4.4. Treatment and Prognosis
- 1.5. Other Types of Lymphoma
 - 1.5.1. Peripheral Lymph Node Lymphoma
 - 1.5.2. Mediastinal Lymphoma
 - 1.5.3. Nasal Lymphoma
 - 1.5.4. Renal Lymphoma
 - 1.5.5. Central Nervous System Lymphoma
 - 1.5.6. Uterine and Subcutaneous Lymphoma
 - 1.5.7. Pharyngeal, Laryngeal and Tracheal Lymphoma
 - 1.5.8. Ocular Lymphoma
- 1.6. Breast Tumors
 - 1.6.1. Clinical Presentation
 - 1.6.2. Diagnosis
 - 1.6.3. Treatment
 - 1.6.4. Prognosis
- 1.7. Injection Site-Associated Sarcoma
 - 1.7.1. Pathogenesis.
 - 1.7.2. Epidemiology
 - 1.7.3. Clinical Management
 - 1.7.4. Treatment
 - 1.7.5. Prevention
- 1.8. Other Frequent Types of Tumors in the Feline Species
 - 1.8.1. Squamous Cell Carcinoma
 - 1.8.2. Respiratory Carcinoma (Nasal and Pulmonary)
 - 1.8.3. Mastocytoma
 - 1.8.4. Squamous Cell Oral Carcinoma
 - 1.8.5. Osteosarcoma



- 1.9. Oncologic Surgery: Excision Margins
 - 1.9.1. Tumor Margins
 - 1.9.2. Types of Resection
 - 1.9.3. Assessment of Margins
 - 1.9.4. Communication with the Pathologist
 - 1.9.5. Interpretation of Margins in the Biopsy Report
- 1.10. Pain Management in the Cat with Cancer
 - 1.10.1. Pain Management in the Cat with Cancer
 - 1.10.2. Evaluation
 - 1.10.3. Treatment

“

You will learn in depth about the latest developments in Feline Oncology from experts with years of experience in the field”

05 Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.



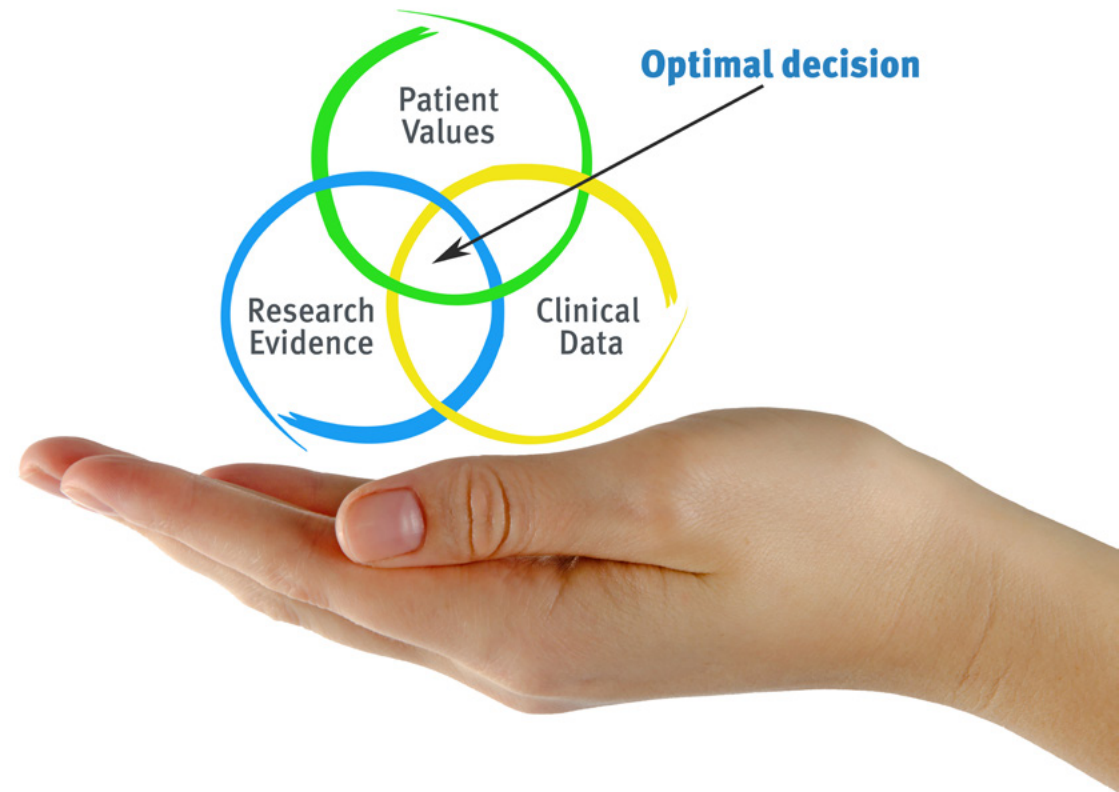
“

Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gervas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, in an attempt to recreate the actual conditions in a veterinarian's professional practice.

“

Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”

The effectiveness of the method is justified by four fundamental achievements:

1. Veterinarians who follow this method not only manage to assimilate concepts, but also develop their mental capacity through exercises to evaluate real situations and knowledge application
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. The feeling that the effort invested is effective becomes a very important motivation for veterinarians, which translates into a greater interest in learning and an increase in the time dedicated to working on the course.



Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

Veterinarians will learn through real cases and by resolving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.



At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology more than 65,000 veterinarians have been trained with unprecedented success in all clinical specialties, regardless of the surgical load. Our teaching method is developed in a highly demanding environment, where the students have a high socio-economic profile and an average age of 43.5 years.

Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



Latest Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current and procedures of veterinary techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



Interactive Summaries

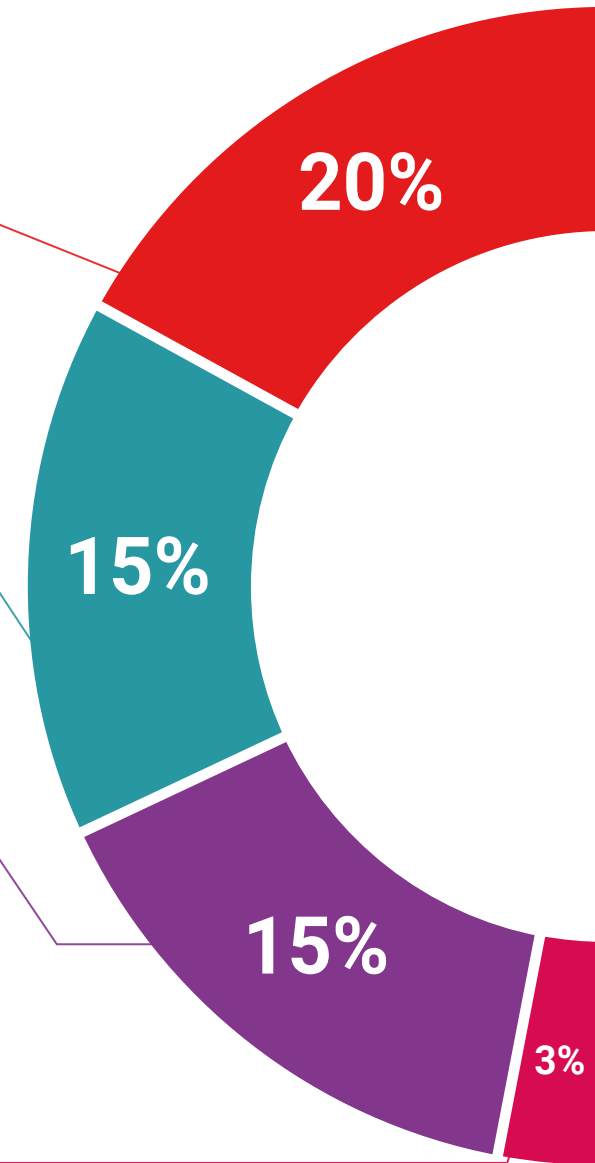
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

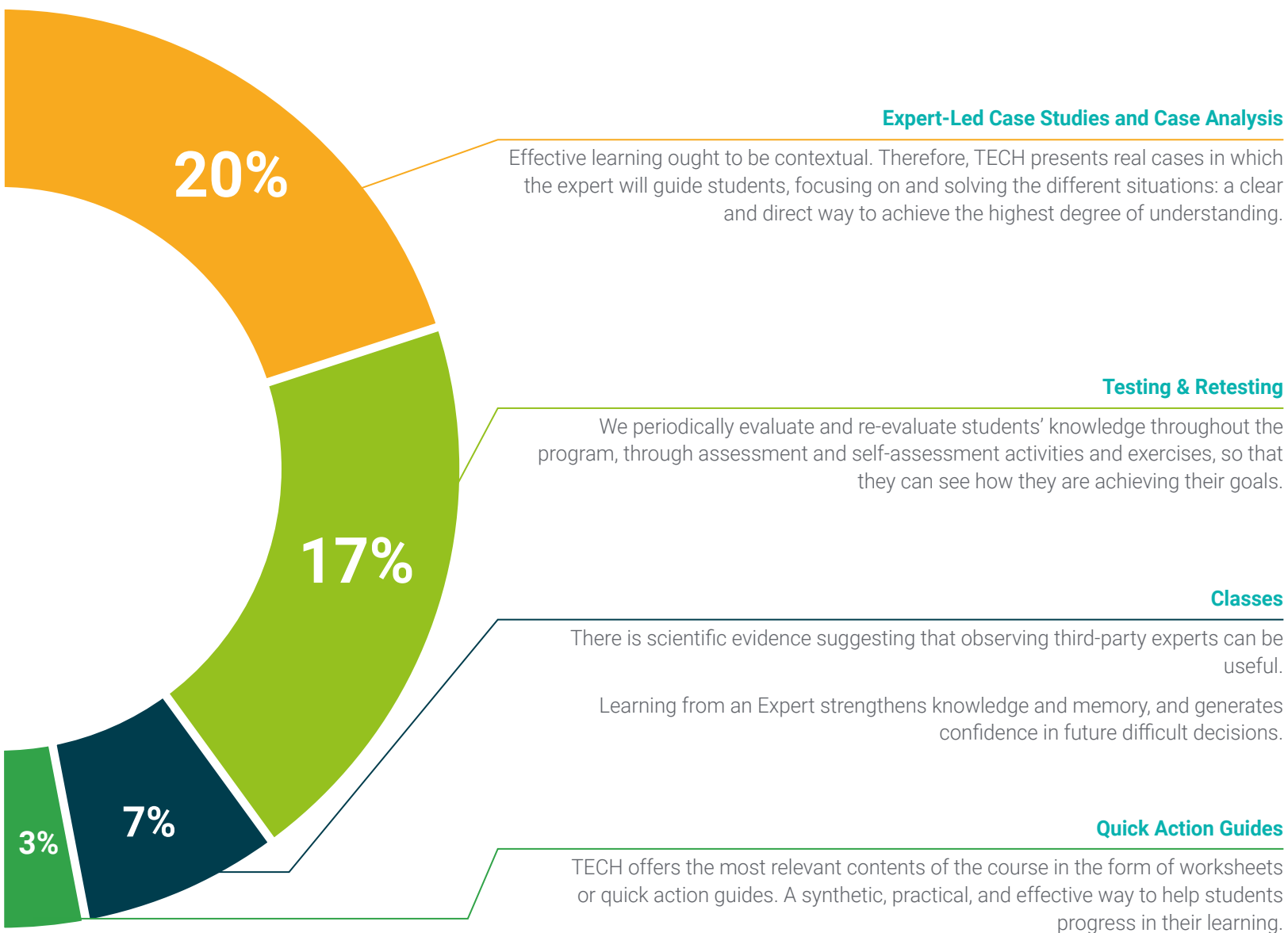
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





06 Certificate

The Postgraduate Certificate in Feline Oncology guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



“

*Successfully complete this program and
receive your university qualification without
having to travel or fill out laborious paperwork”*

This **Postgraduate Certificate in Feline Oncology** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University, is an official European University publicly recognized by the Government of Andorra (**official bulletin**). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University title**, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Feline Oncology**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**





Postgraduate Certificate Feline Oncology

- » Modality: Online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Postgraduate Certificate

Feline Oncology

